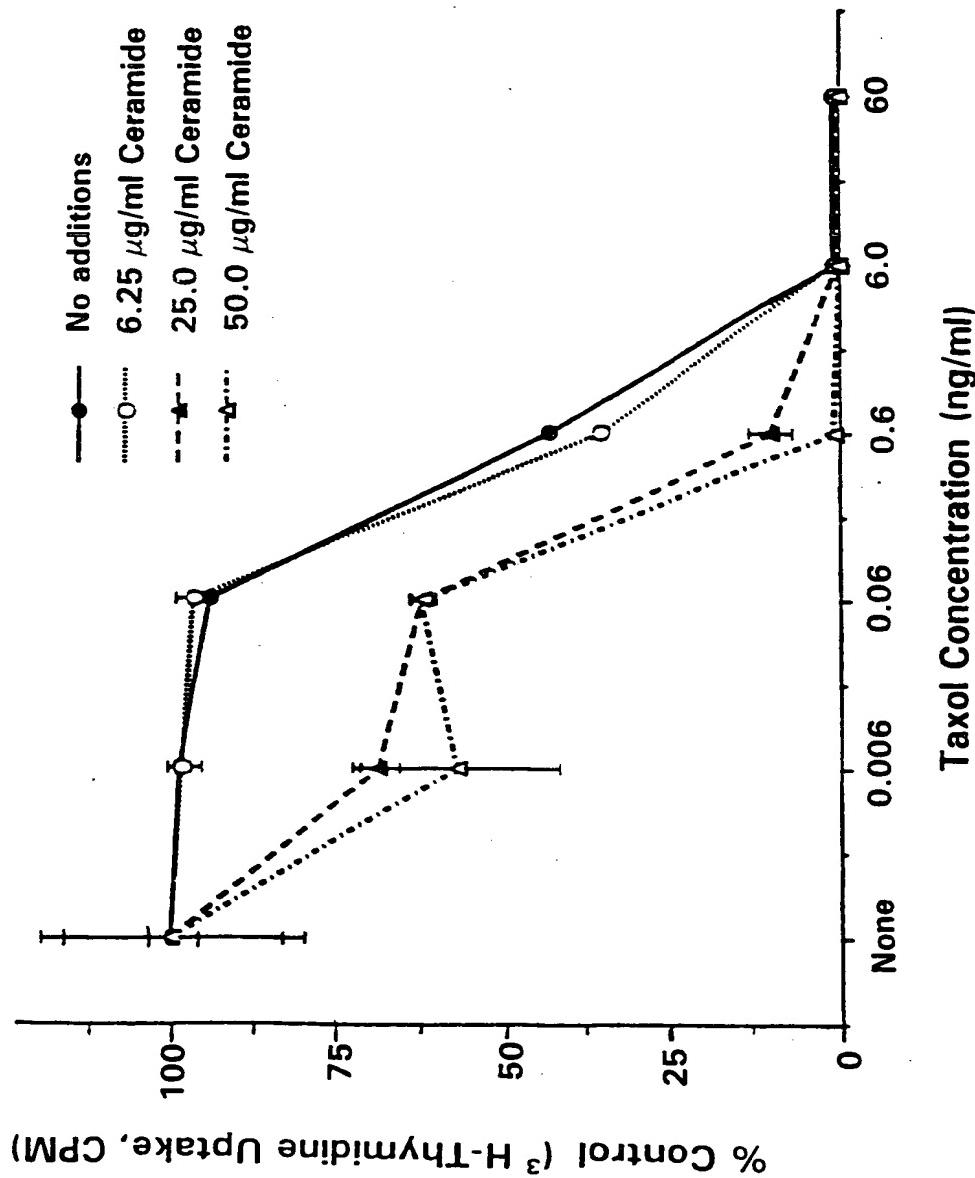


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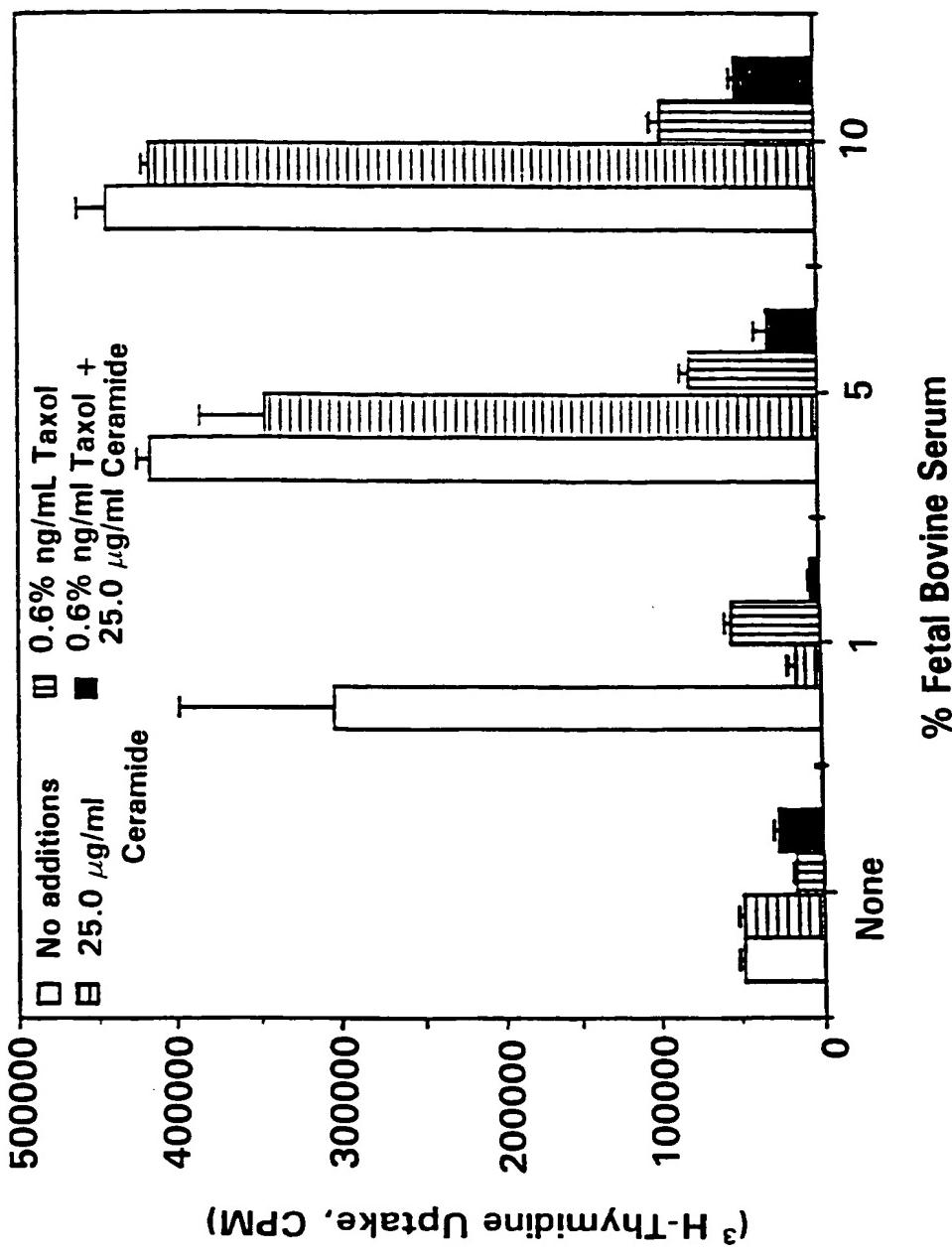
FIGURE 1





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FIGURE 2





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FIGURE 3A

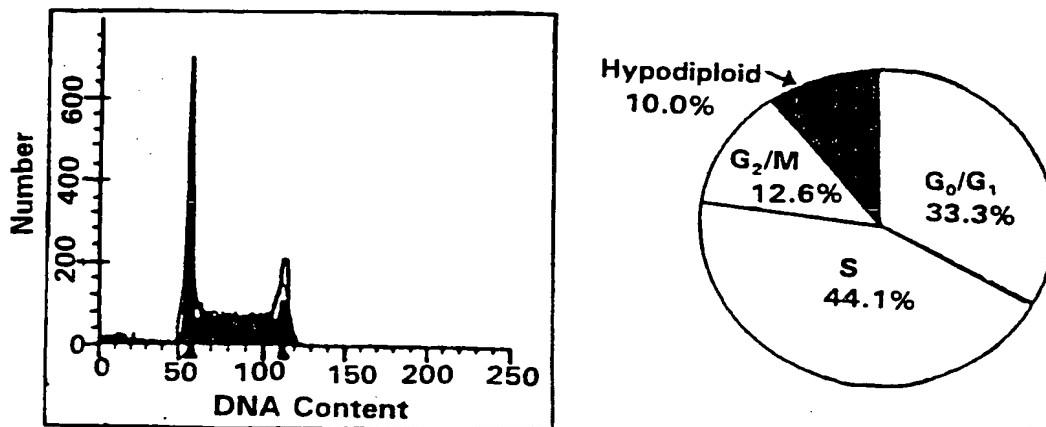
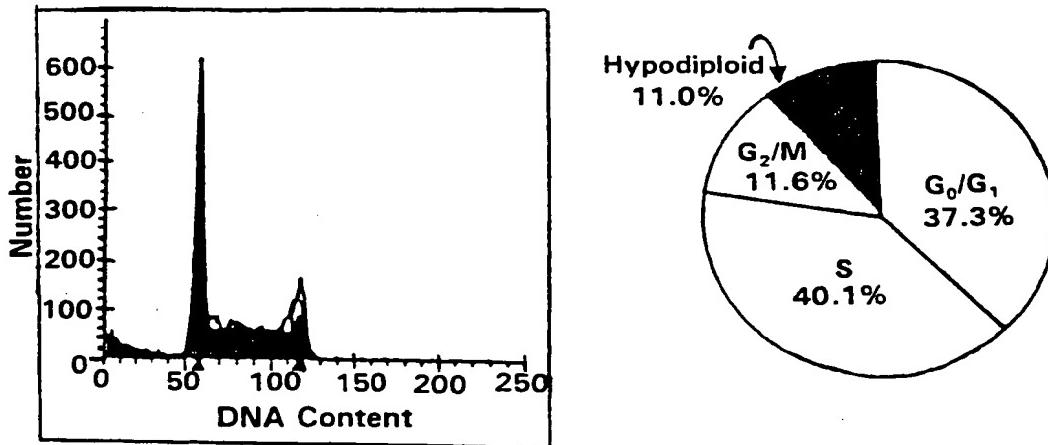


FIGURE 3B



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FIGURE 3C

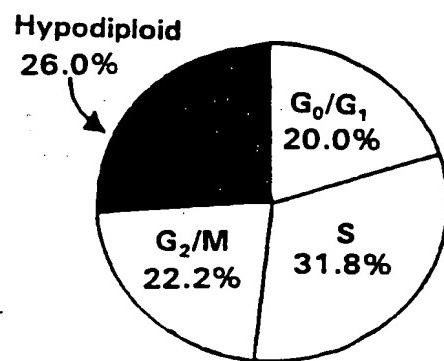
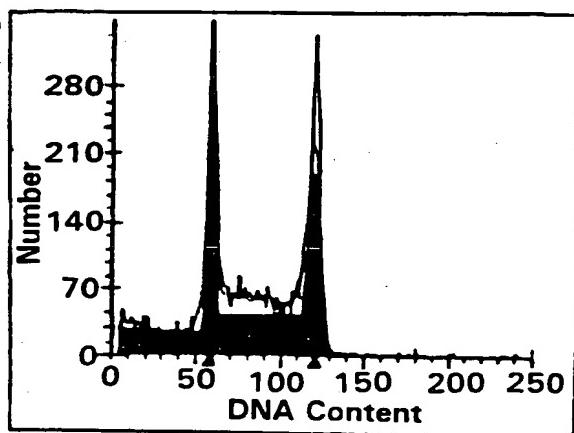
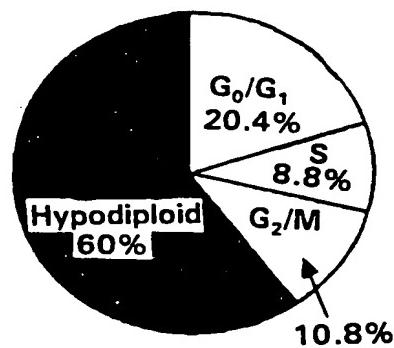
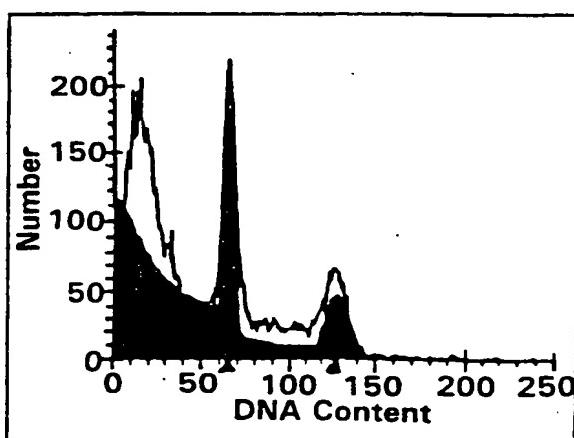


FIGURE 3D





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 Date: May 7, 1999
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FIGURE 3E

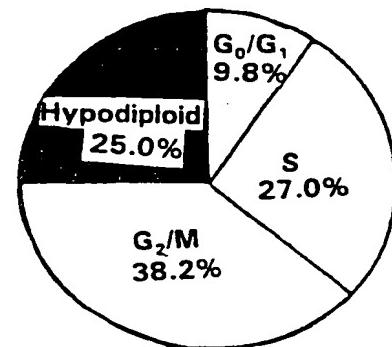
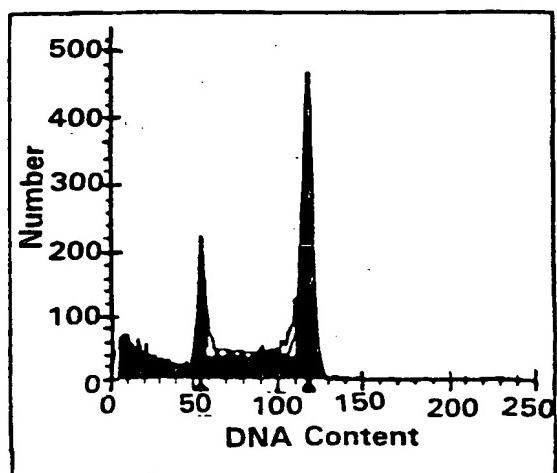
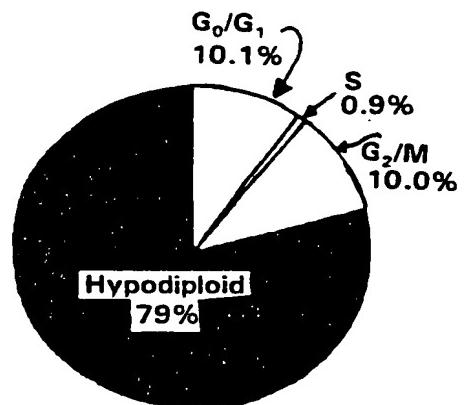
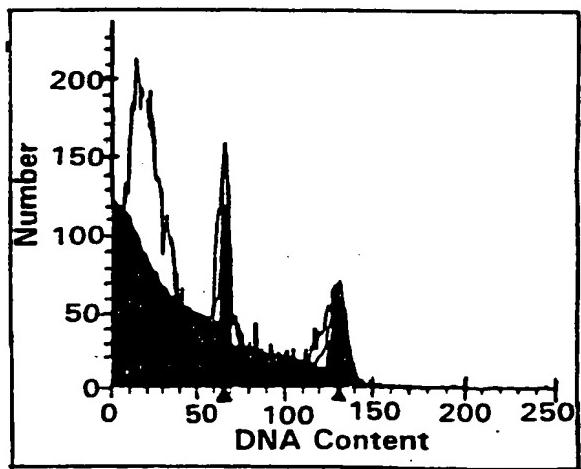


FIGURE 3F

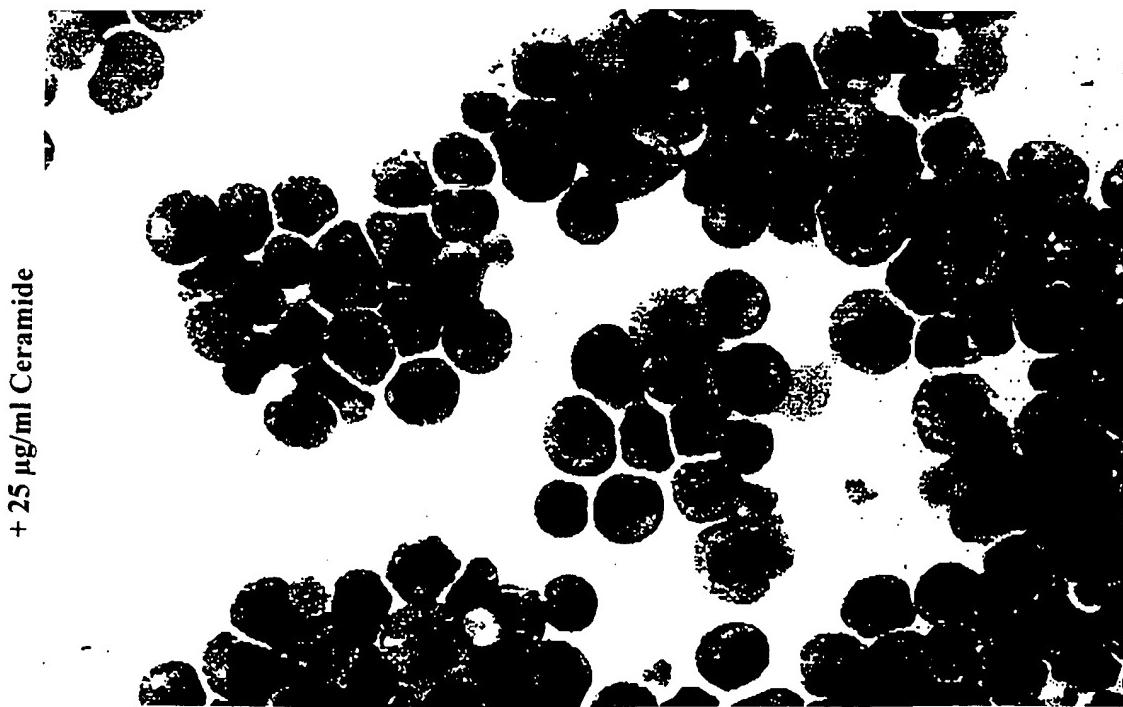


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FIGURE 4A



FIGURE 4B



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FIGURE 4C

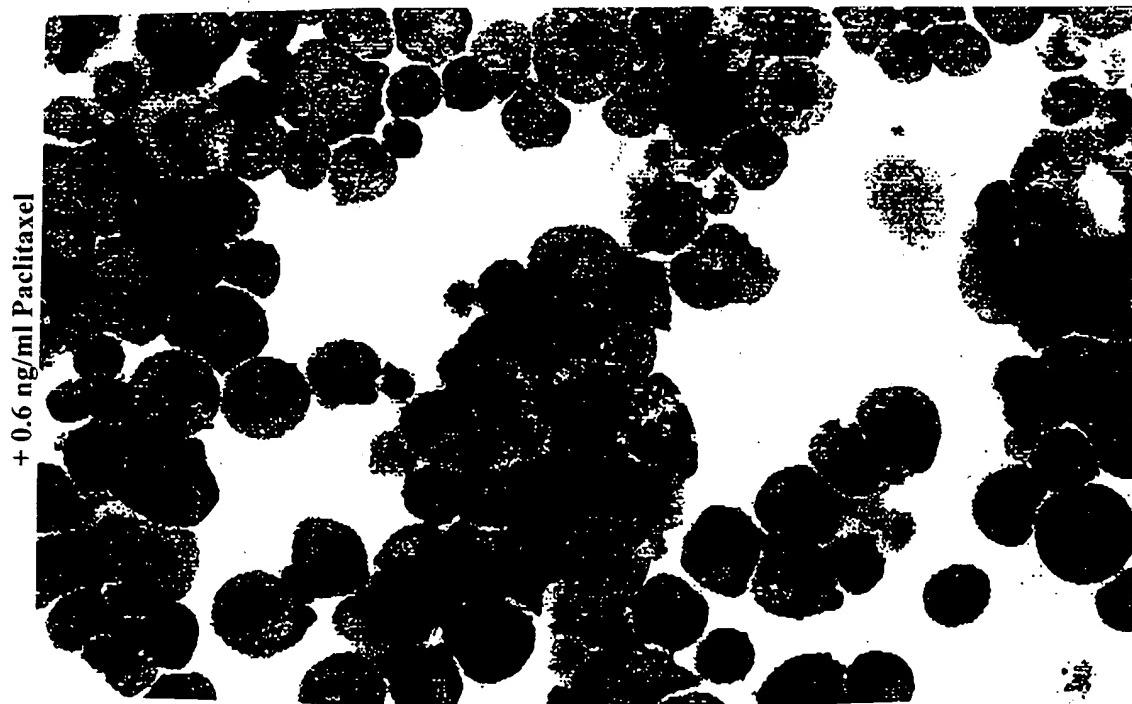
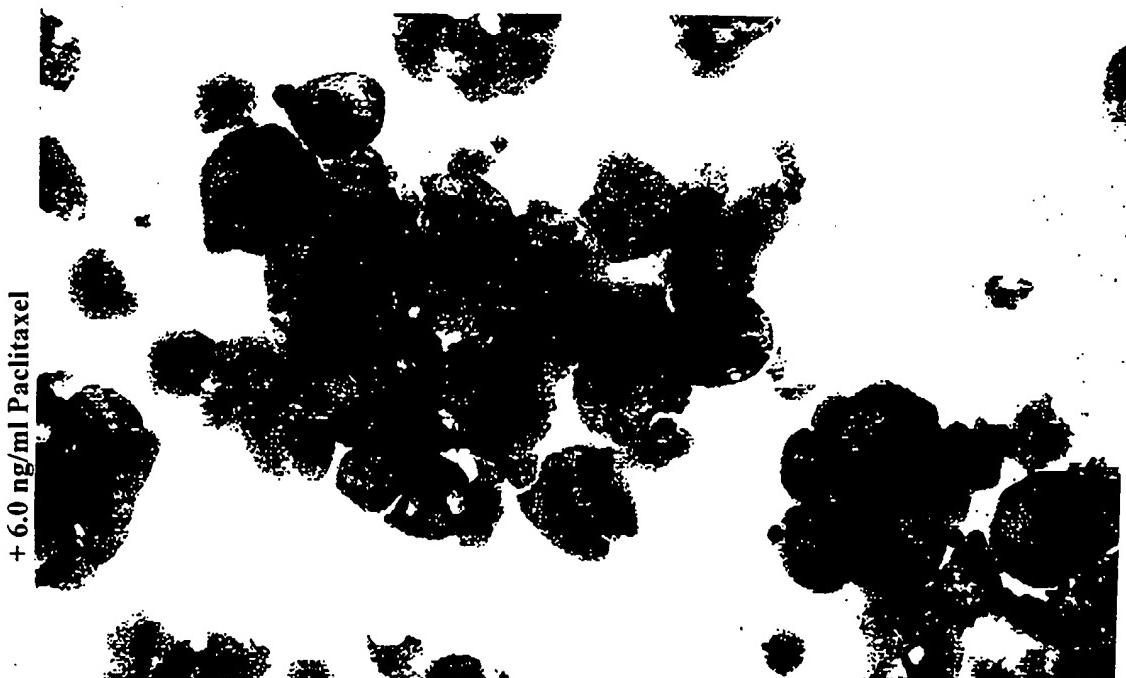


FIGURE 4D





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FIGURE 4E

+ 0.6 ng/ml Paclitaxel + 25 μ g/ml Ceramide

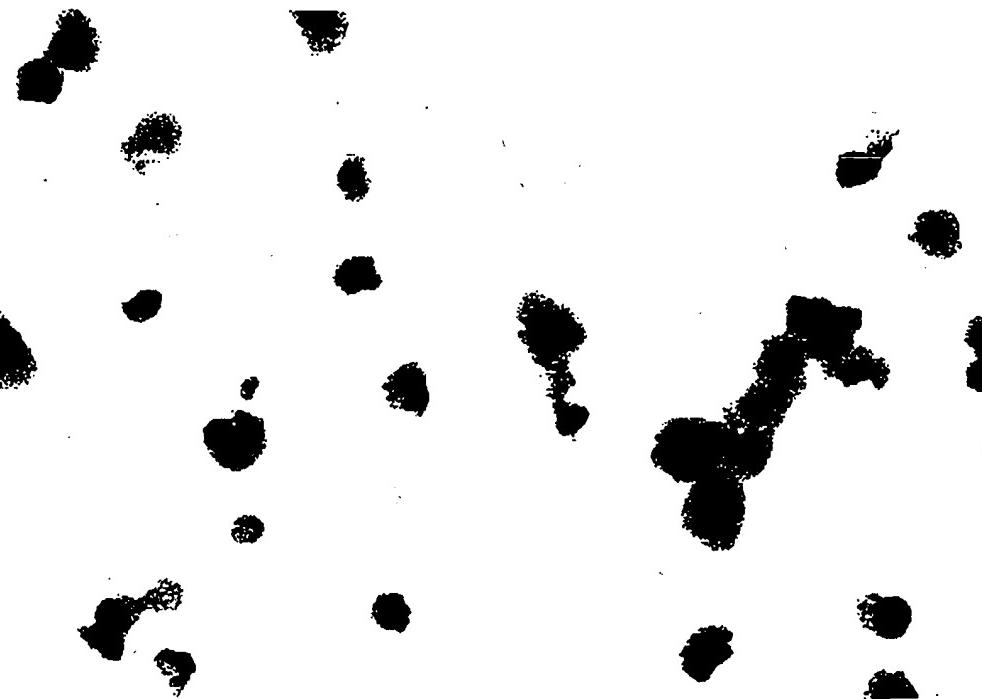


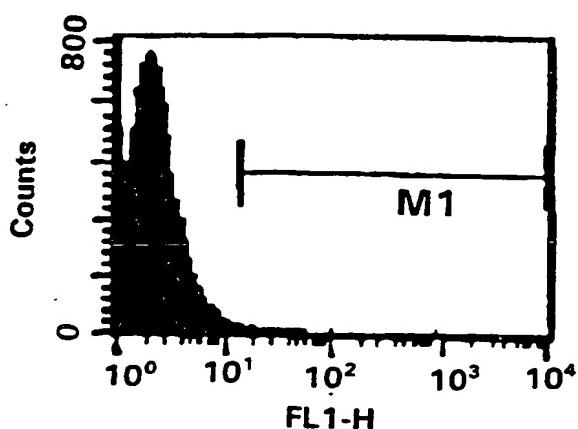
FIGURE 4F

6.0 ng/ml Paclitaxel + 25 μ g/ml Ceramide



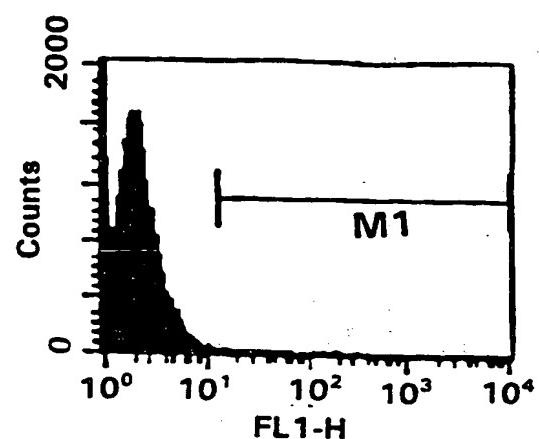
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FIGURE 5A
(24 Hours)



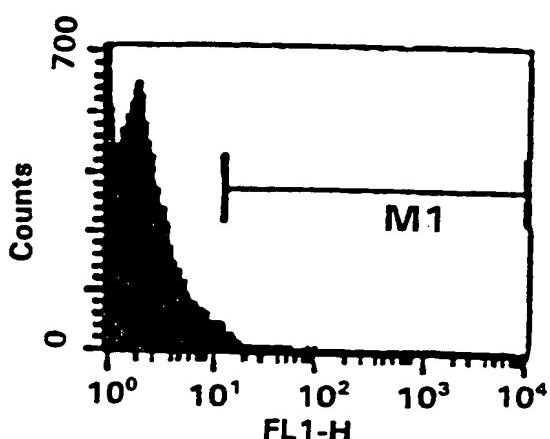
0.93%

FIGURE 5B



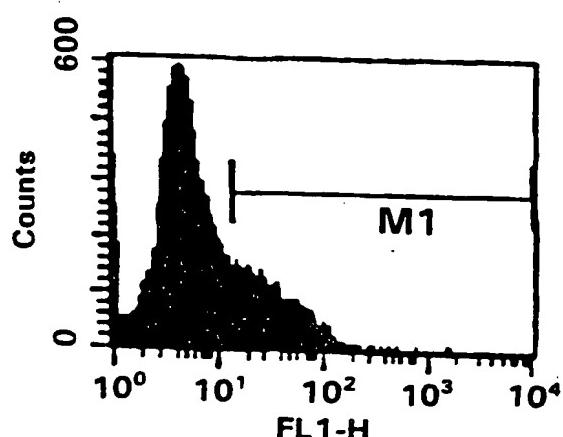
0.64%

FIGURE 5C



1.16%

FIGURE 5D



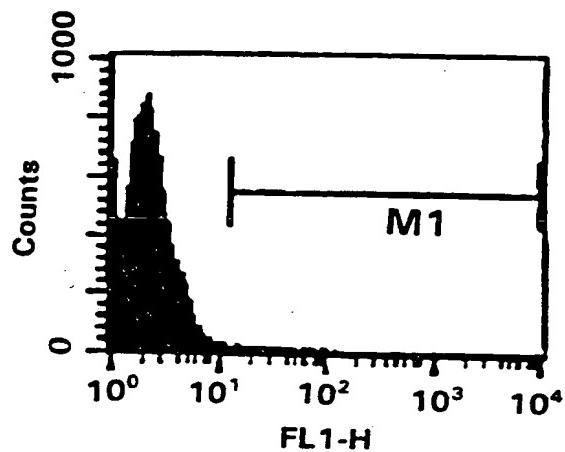
25.49%

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U. S. P A T E N T & T R A D E M A R K O F F I C E

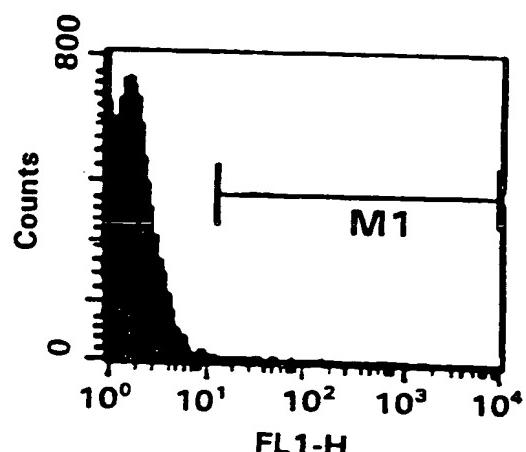
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FIGURE 5E
(48 Hours)

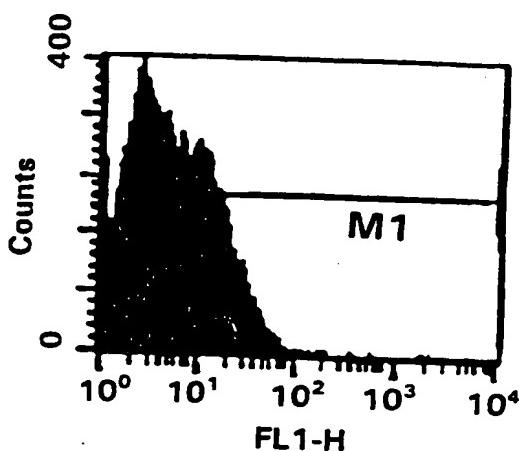


0.77%

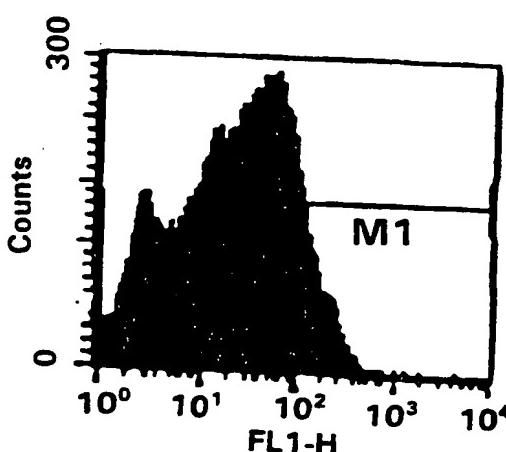


0.33%

FIGURE 5G



19.60%

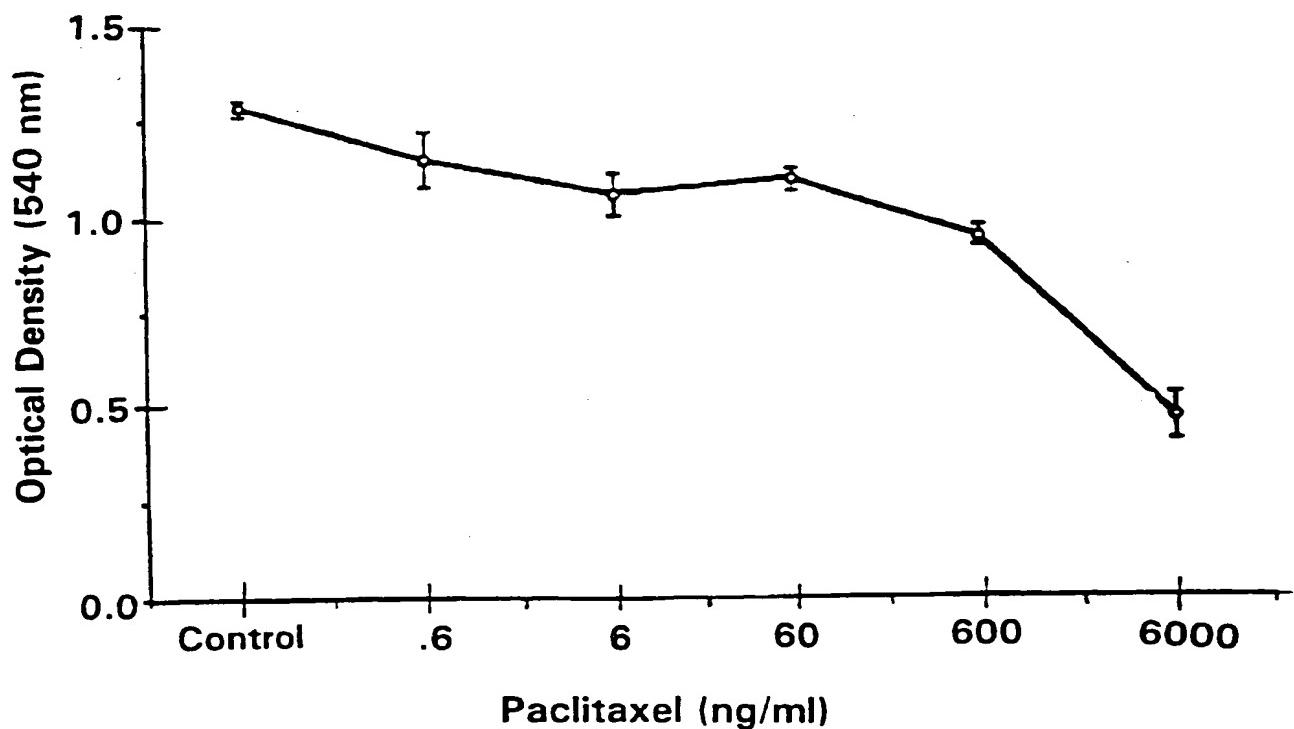


66.05%



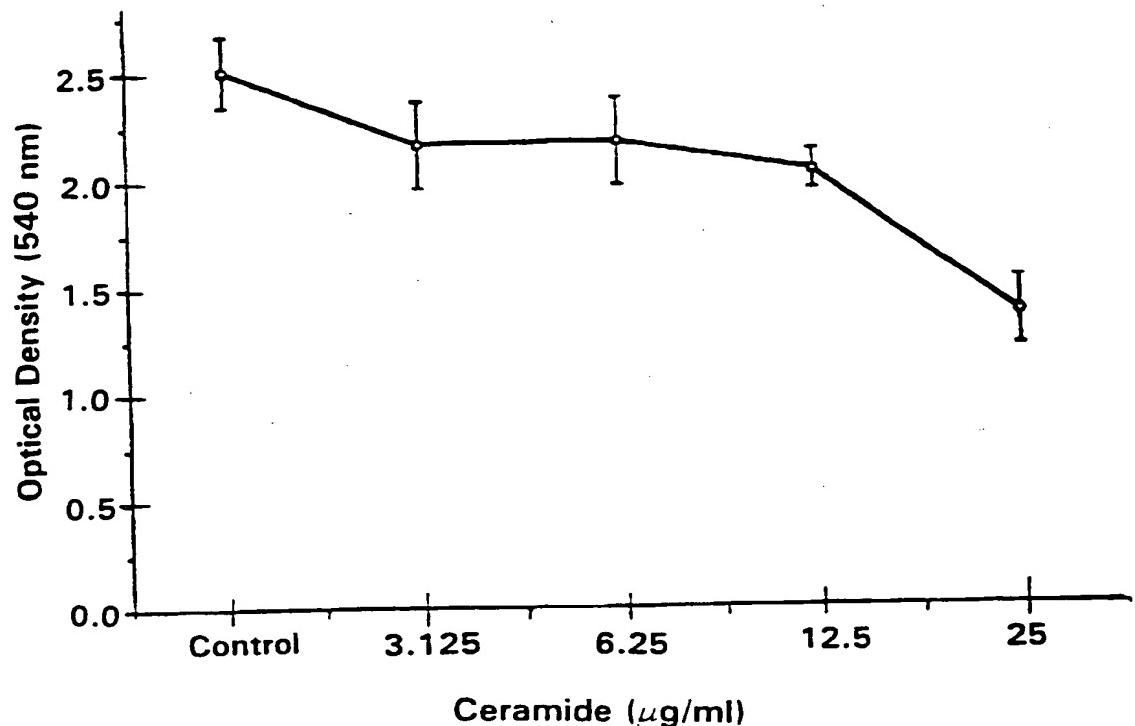
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FIGURE 6A



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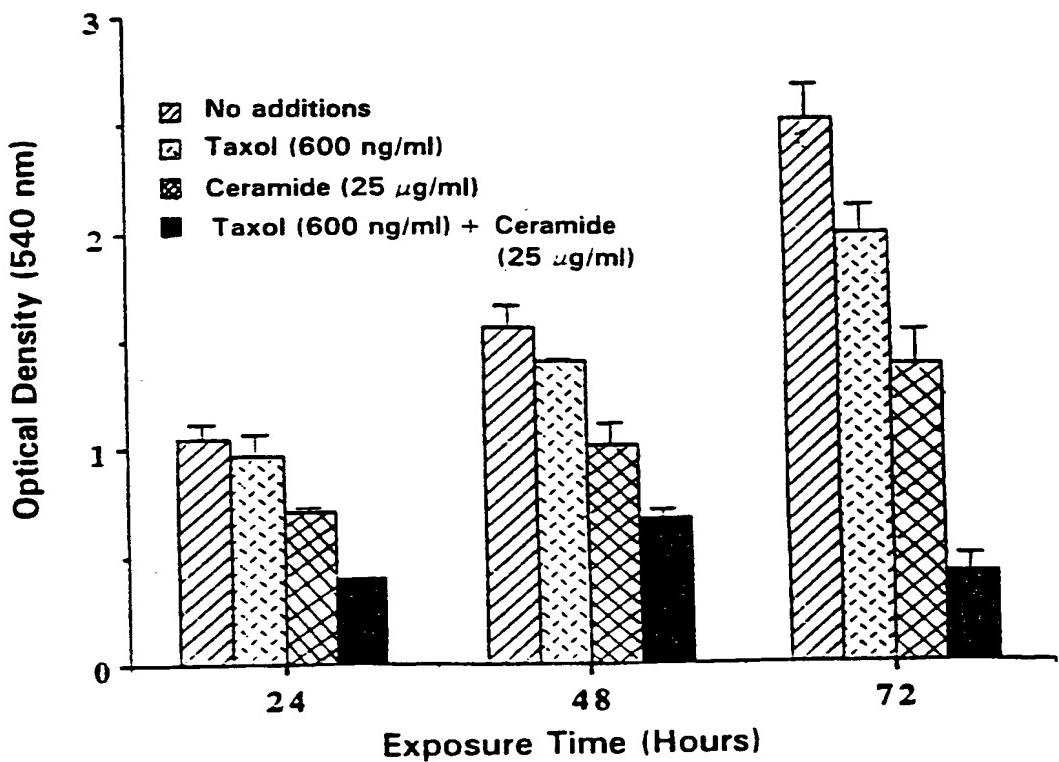
FIGURE 6B





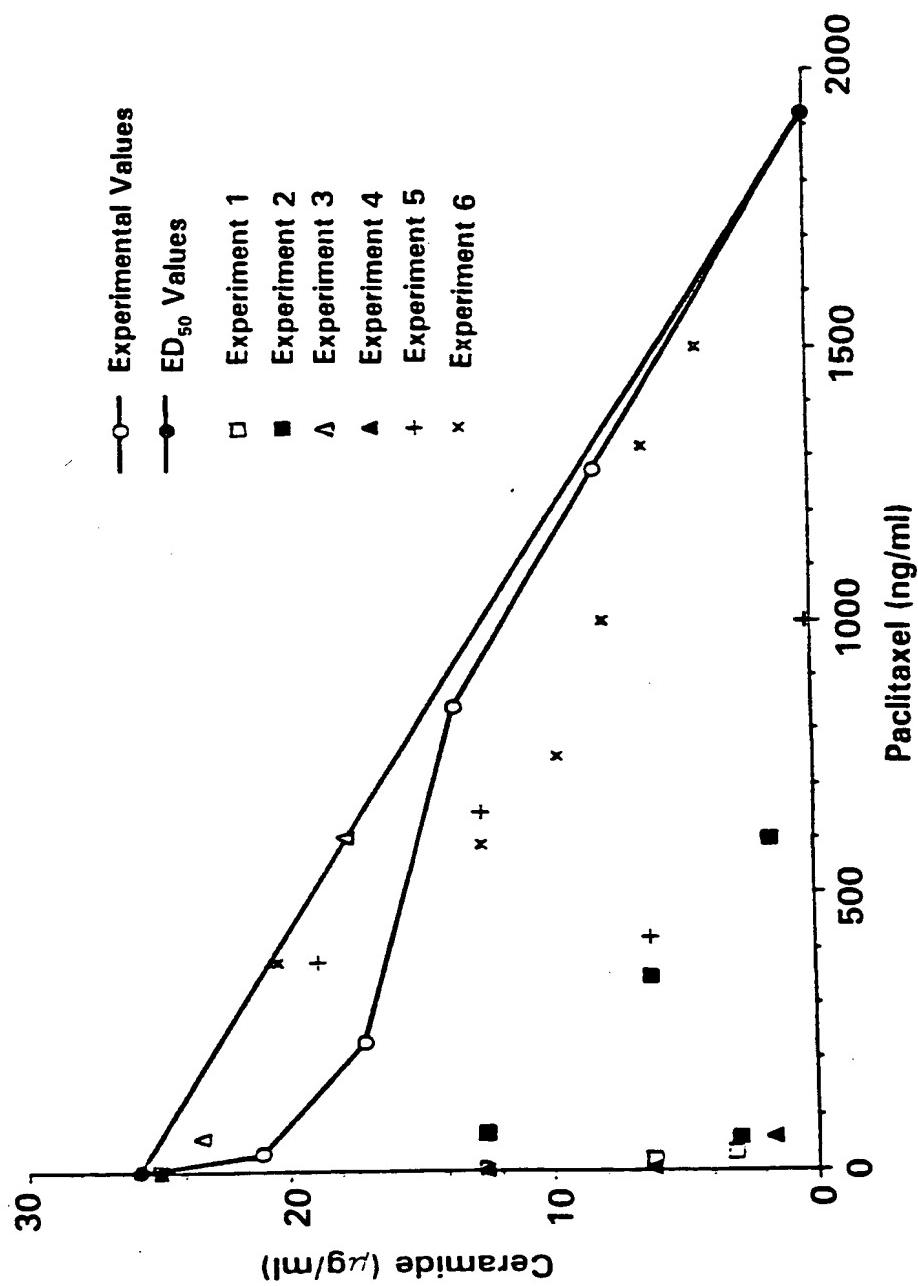
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FIGURE 7



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FIGURE 8





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FIGURE 9A

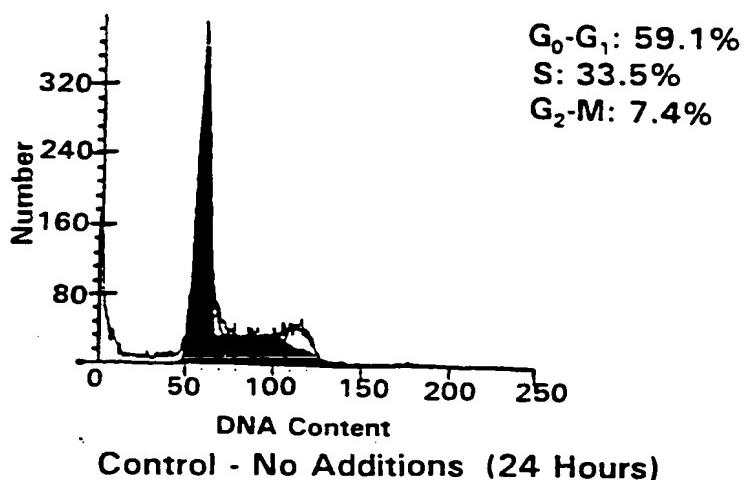
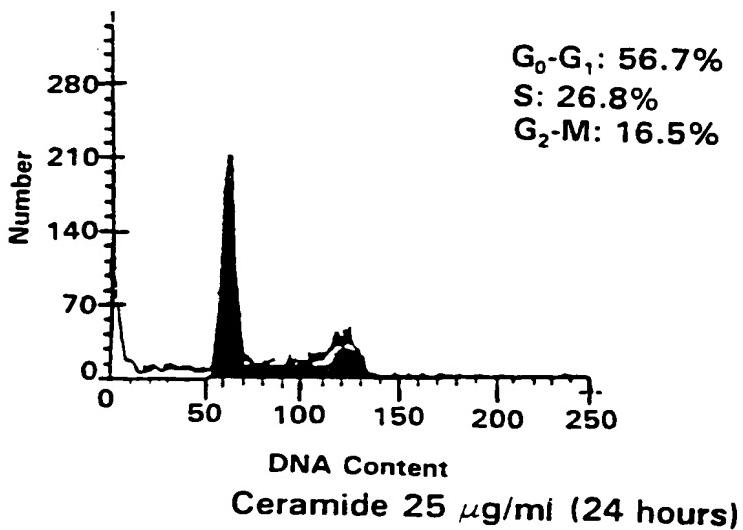


FIGURE 9B





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FIGURE 9C

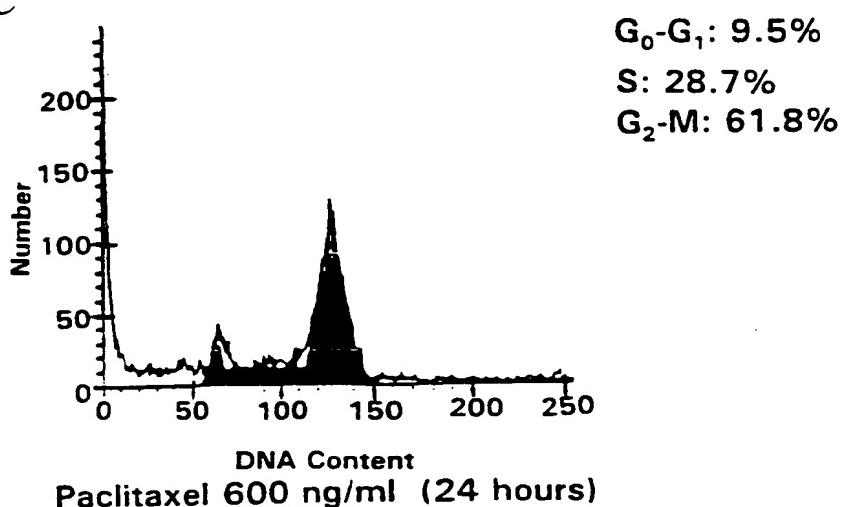
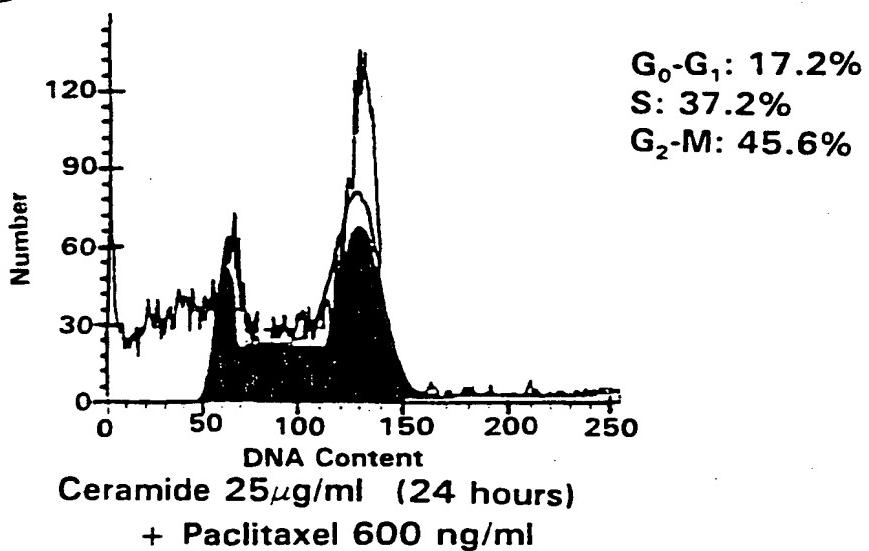


FIGURE 9D





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FIGURE 9E

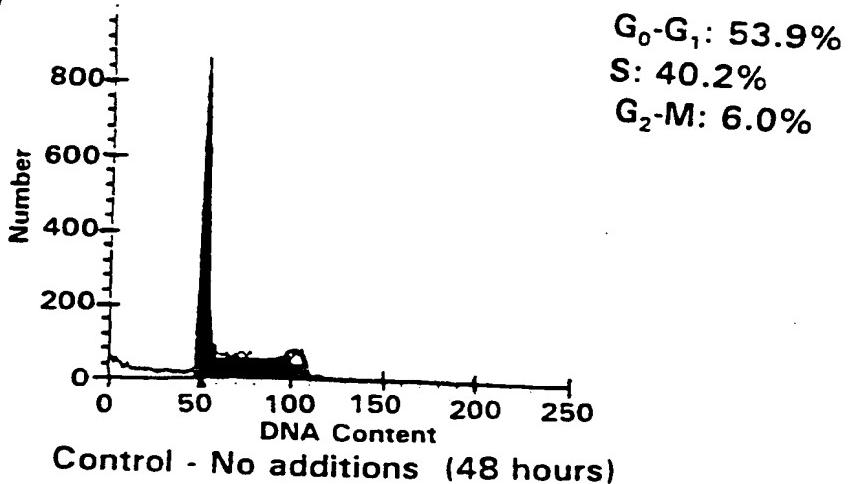
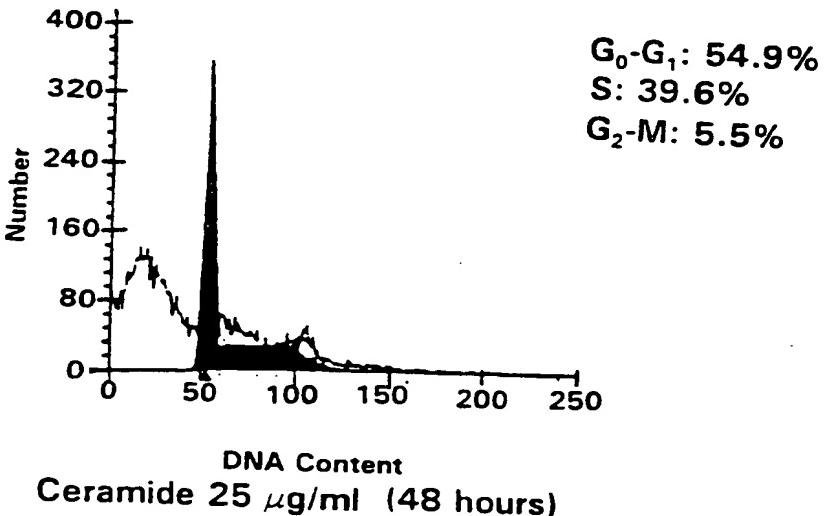


FIGURE 9F





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FIGURE 9G

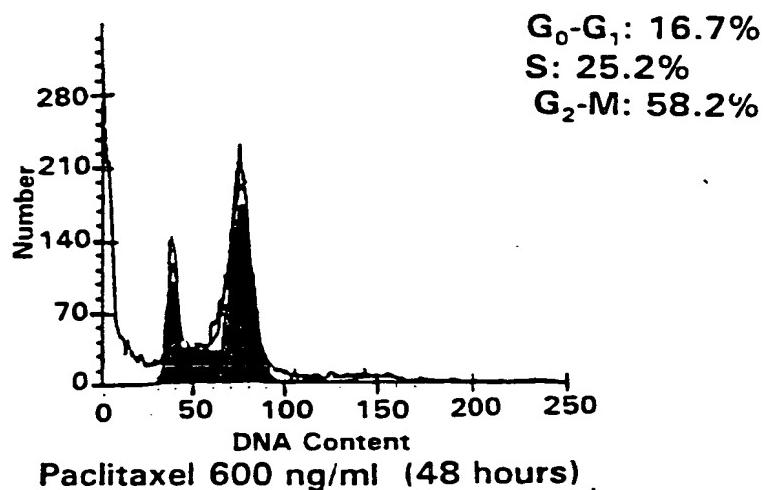
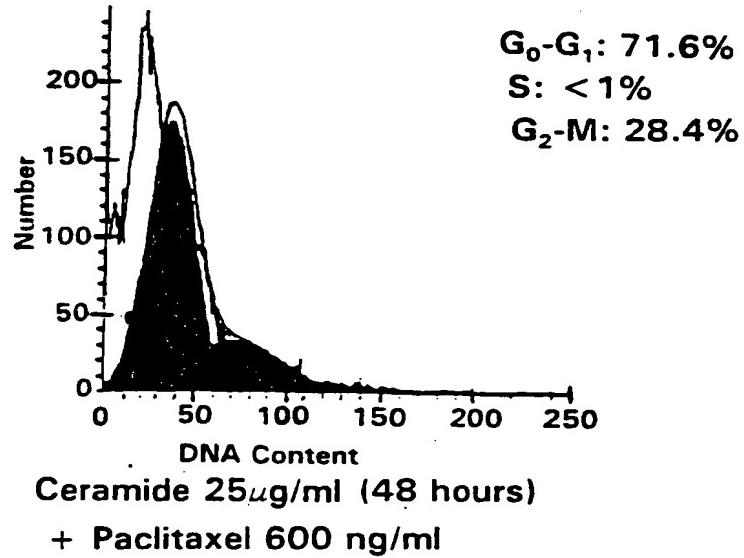


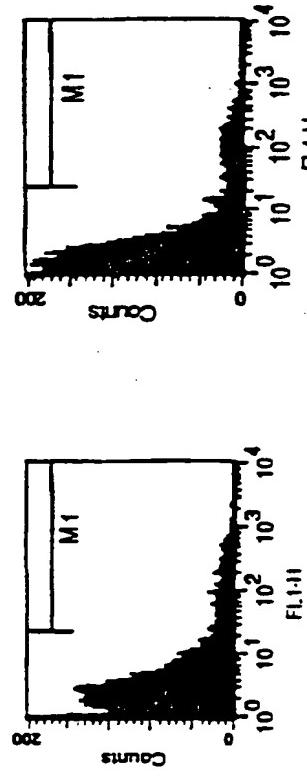
FIGURE 9H



Time Kinetics Of The Induction Of Apoptosis By Paclitaxel And Ceramide Acting In Combination.

FIGURE 10A

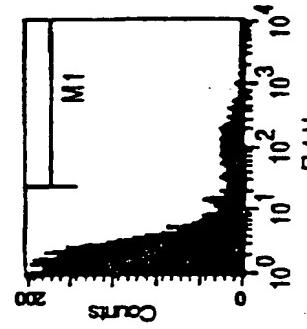
24 Hours Of Taxol And/Or Ceramide Exposure.



Control - no additions
Apoptosis: 8.7%

FIGURE 10B

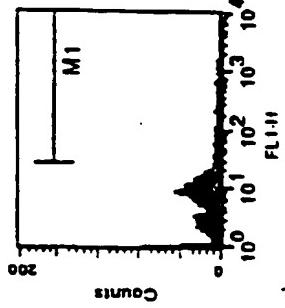
24 Hours Of Taxol And/Or Ceramide Exposure.



Ceramide (25 μ g/ml)
Apoptosis: 9.7%

FIGURE 10E

48 Hours Of Taxol And/Or Ceramide Exposure.



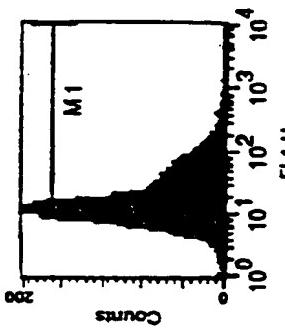
Control - no additions
Apoptosis: 7.8%

FIGURE 10D

24 Hours Of Taxol And/Or Ceramide Exposure.

Paclitaxel (60 ng/ml)
Apoptosis: 18.35%

FIGURE 10G



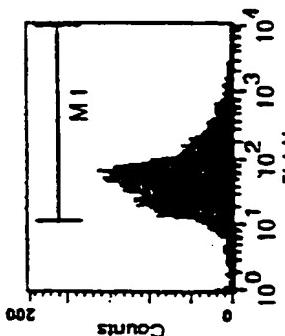
Ceramide (25 μ g/ml)
Apoptosis: 13.6%

FIGURE 10H

24 Hours Of Taxol And/Or Ceramide Exposure.

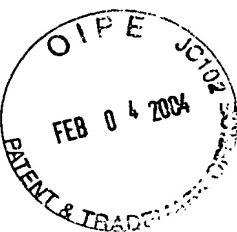
Ceramide 25 μ g/ml
+ Paclitaxel 600 ng/ml
Apoptosis: 53.7%

FIGURE 10H



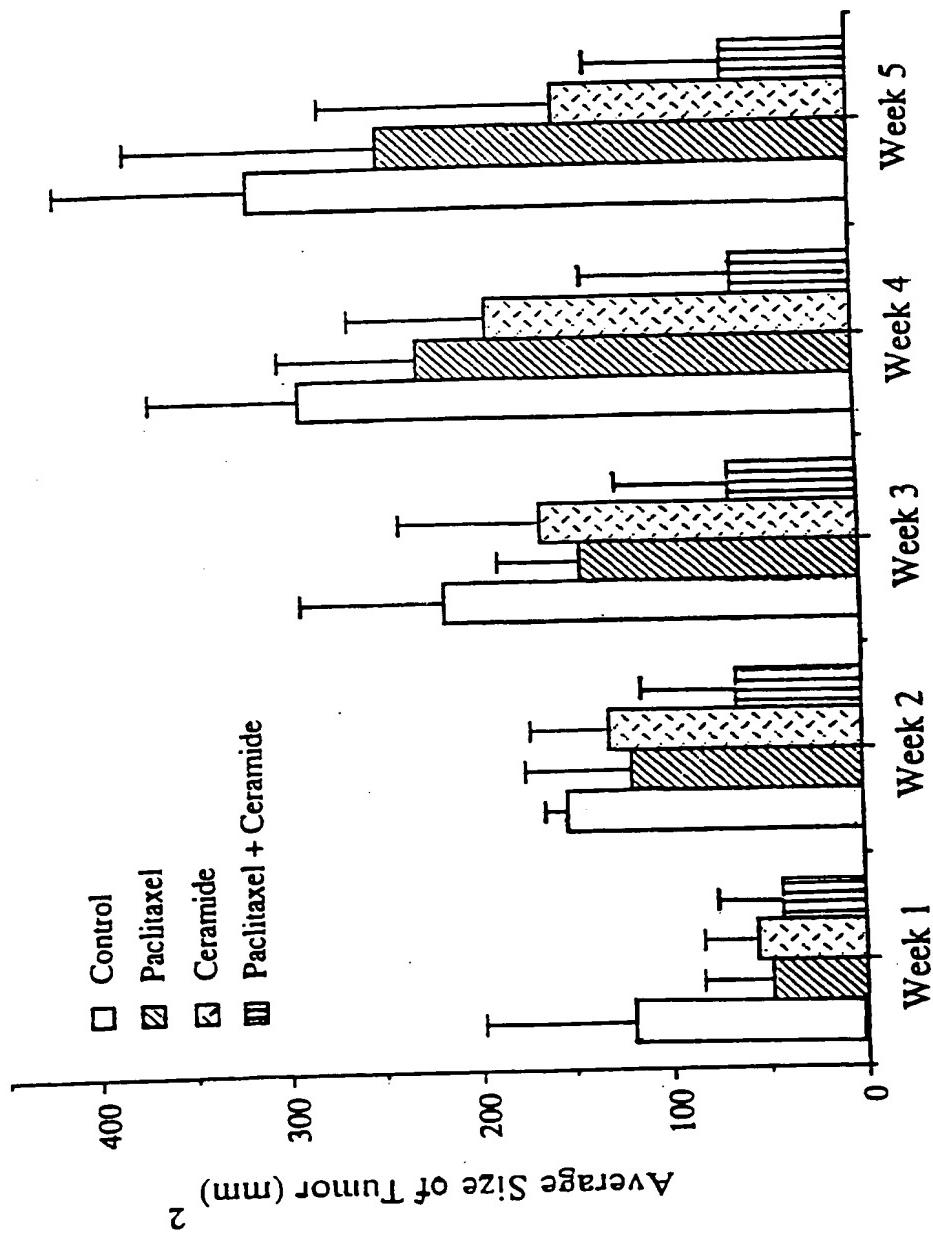
Ceramide (25 μ g/ml)
+ Paclitaxel 600 ng/ml
Apoptosis: 84.9%





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FIGURE 11





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FIGURE 12

